

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Husnain Bajwa, et al.
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Mail Stop- AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDED CLAIM SET IN RESPONSE TO
EXAMINER REQUEST

Sirs:

In response to examiner telephone conversation on February 12, 2009, the examiner requested a new set of revised claims in the above-identified application. Based on discussions with the examiner, Applicant submits the attached amended claim set, setting forth amendments to the claim set that was previously submitted in Applicant's reply on December 3, 2008 to the Office Action of September 3, 2008.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-21(canceled, without prejudice).

Claim 22 (currently amended): A method of operating voice traffic bearing packet switched network, comprising the steps of:

receiving at a gateway of ~~to~~ the packet-switched network a call originated from a voice terminal connected to the gateway, the call comprising a call initiation information and the call initiation information comprising a call destination identifier of the packet-switched network for a call destination;

packetizing the call at the gateway, if the call is not packetized as received by the gateway;

querying by the gateway over the packet-switched network to a gatekeeper of the packet-switched network, the gatekeeper controls communication of the call over the packet-switched network;

responding by the gatekeeper to the gateway over the packet-switched network, in respect of the step of querying by the gateway, with a network address of the packet-switched network for a centralized feature platform of the packet-switched network, the centralized feature platform capable of performing a call service for the call;

directing the call by the gateway, in response to the gatekeeper, over the packet-switched network, to the centralized feature platform having the network address of the packet-switched network for the centralized feature platform;

determining by the centralized feature platform if the call service should be performed for the call by the centralized feature platform;

(i) performing the call service by the centralized feature platform for the call, if the centralized feature platform determines that the call service applies for the call;

(ii) skipping the step of performing the call service if the centralized feature platform determines that the call service does not apply for the call;

requesting by the centralized feature platform a network routing information of the packet-switched network for the call from the gatekeeper, after ~~either of the step of performing and the step of skipping, respectively, as applicable for the call;~~

responding by the gatekeeper with a network destination address of the packet-switched network for the call, whereby:—(i) if the call is permissible, the network destination address corresponds to the call destination identifier; ~~and (ii) if the call is not permitted, the network destination address does not correspond to the call destination identifier;~~

disassociating ~~disassociating~~ the call from the centralized feature platform after the step of responding;

routing the call, disassociated ~~disassociated~~ from the centralized feature platform, over the packet-switched network per network protocols, to the network destination address for the call; and

connecting the call if the call is permitted, by the packet-switched network per network protocols of the packet-switched network via the network destination address for

the call destination identifier, between the gateway and a target device corresponding to the call destination.

Claim 23 (currently amended): A method of operating voice traffic bearing packet switched network, the method comprising the steps of:

receiving at a gateway to the packet-switched network, an information stream including encoded voice-band traffic of a call, the information stream comprising a destination identifier for a target device for voice traffic between the gateway and the target device;

querying by the gateway to a gatekeeper, the gatekeeper routes the call on the packet-switched network;

responding by the gatekeeper to the gateway, with a network address for a centralized feature platform;

directing the call to the centralized feature platform;

authenticating a credential associated with the call, to determine whether a call service should be provided for the call by the centralized feature platform;

upon authentication, performing the call service for the call by the centralized feature platform;

disassociating ~~disassociating~~ the centralized feature platform from the call after the step of performing the call service;

routing the call, after the step of disassociating ~~disassociating~~, via the packet-switched network, unless the call service terminates the call, to either: (i) connect the call to the target device of the destination identifier via a network address for the target

device, over the packet-switched network, and (ii) connect the call to a separate device via a network address for the separate device, over the packet-switched network.

Claim 24 (currently amended): A method of operating voice traffic bearing packet switched network, comprising the steps of:

receiving at a gateway to the packet-switched network, a call comprising an information stream representable by encoded voice-band traffic, the information stream originating from a voice terminal communicatively connected to the gateway and the information stream comprising an identifier of a second voice terminal for receipt of the call;

directing by the gateway an encoded voice-band traffic, corresponding to at least a portion of the information stream, over the packet-switched network to a gatekeeper, the gatekeeper capable of routing the call;

authenticating the call by the gatekeeper for a call service, via the encoded voice-band traffic;

upon authentication of the call by the gatekeeper for the call service, directing the call to a centralized feature platform ~~for the call service~~;

performing the call service for the call by the centralized feature platform;

disassociating ~~disassociating~~ the centralized feature platform from the call after the step of performing the call service;

next directing the encoded voice-band traffic of the call over the packet-switched network to a target device, wherein the packet-switched network routes the encoded voice-band traffic of the call via the identifier for the second voice terminal;

further receiving at the gateway a next information stream representable by next encoded voice-band traffic, the next information stream originating from the voice terminal communicatively connected to the gateway;

next directing at least a portion of a next encoded voice-band traffic, corresponding to at least a portion of the next information stream, by the packet-switched network to the target device via the identifier;

receiving at least a portion of the next information stream at the second voice terminal communicatively connected to the target device, over the packet-switched network.

Claims 25-28 (canceled, without prejudice).

Claim 29 (previously presented): The method of claim 22, wherein the call initiation information comprises a telephone number of the target device.

Claim 30 (previously presented): The method of claim 29, wherein the telephone number is a PSTN call number and the target device is a second voice terminal.

Claim 31 (previously presented): The method of claim 22, wherein the target device is a second gateway, communicatively connected to a second voice terminal.

Claim 32 (previously presented): The method of claim 31, wherein the call initiation information comprises a telephone number of the second voice terminal and the second voice

terminal is communicatively connected outside the packet-switched network to the second gateway.

Claim 33 (previously presented): The method of claim 23, wherein the next information stream includes the destination identifier.

Claim 34 (previously presented): The method of claim 33, further comprising the step of:
communicatively connecting a recipient voice terminal to the target device, based on the destination identifier.

Claim 35 (previously presented): The method of claim 34, further comprising the step of:
receiving a voice message at the recipient voice terminal, corresponding to at least a portion of the next information stream.

Claim 36 (currently amended): A method of servicing a packetized data voice call made over a packet-switched network, the network routes the packetized data voice call per network protocols and addresses, comprising the steps of:

initiating the packetized data voice call at a gateway to the network, the voice call includes an identifier of a call recipient;

receiving that call at a gatekeeper router of the network;

directing the packetized data voice call via the network, in response to the gatekeeper router, from the gateway to a centralized feature server capable of a call service for the packetized data voice call;

determining by the centralized feature server whether the packetized data voice call is appropriate for the call service, based on a caller information from the gateway;

if the packetized data voice call is determined as appropriate for the call service, performing the call service for the packetized data voice call by the centralized feature server;

disassociating the centralized feature server from the packetized data voice call after the step of performing the call service, if appropriate for the packetized data voice call;

if the packetized data voice call is determined as not appropriate for the call service,

disassociating ~~dissociating~~ the centralized feature server from the packetized data voice call: ~~—(i) after the step of performing the call service, if appropriate for the packetized data voice call; and (ii) otherwise, after the step of~~ determining the packetized data voice call is not appropriate for the call service; routing the voice call by the network after the step of disassociating ~~dissociating~~, from the gateway to a destination address of the network for the identifier; and

connecting the call between the gateway and the destination address by the packet-switched network via the destination address.

Claim 37 (previously presented): The method of claim 22, further comprising the steps of:

directing a plurality of calls received at a plurality of respective gateways, in response to the gatekeeper, to the centralized feature platform for the call service.

Claim 38 (previously presented): The method of claim 37, further comprising the steps of:

providing the centralized feature platform with capability to perform a plurality of different call services; and

performing at least one of the plurality of different call services for each respective call directed to the centralized feature platform, if the centralized feature platform determines that the at least one of the plurality of different call services should be performed for the call.

Claim 39 (previously presented): The method of claim 36, further comprising the steps of:

providing the centralized feature server with capability to perform a plurality of different call services; and

performing at least one of the plurality of different call services for each respective packetized data voice call directed to the centralized feature server, if the centralized feature server determines that the packetized data voice call is appropriate for the at least one of the plurality of different call services.

REMARKS/ARGUMENTS

Claims 22-24 and 29-39 are pending in this application.

Claims 22-24 and 36 are amended.

Applicant appreciates the examiner's telephone call and is grateful for his careful and detailed insight and comments.

If the Examiner has any questions or comments, the undersigned attorney for Applicant respectfully requests a call to discuss any issues. The Office is authorized to charge any excess fees or to credit any overage to the undersigned's Deposit Account No. 50-1350.

Respectfully submitted,

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By / H. Dale Langley, Jr. /
H. Dale Langley, Jr.
Reg. No. 35,927

The Law Firm of H. Dale Langley, Jr., PC
610 West Lynn
Austin, Texas 78703
Telephone: (512) 477-3830
Facsimile: (512) 480-0858
E-Mail: dlangley@iptechlaw.com